

Claims

WHAT IS CLAIMED IS:

1. A method of editing objects displayed on a video display by a computer system, the
5 method comprising:

detecting an edit operation for an object displayed on the video display by the computer

system; and

sending an edit operation request to an abstraction layer via an interface provided by the

abstraction layer to initiate editing of the object by the abstraction layer.
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2. The method of claim 1, wherein sending the edit operation request to the abstraction layer

further comprises sending one or more parameters associated with the edit operation.
3. The method of claim 1, wherein editing of the object by the abstraction layer comprises:
15 receiving the edit operation request;

determining a container type for a container in which the object is displayed;

reading a set of properties related to the object to be edited;

reading a set of properties related to the container in which the object is displayed to

determine a type for the container; and
20 editing the object based on the container type and the received edit operation request.
4. The method of claim 3, wherein receiving the edit operation request further comprises

receiving one or more parameters associated with the edit operation.
- 25 5. The method of claim 4, wherein editing the object further comprises editing the object

based on the one or more parameters associated with the edit operation.

6. The method of claim 3, wherein editing the object comprises modifying one or more properties of the object.
- 5 7. The method of claim 3, wherein editing the object comprises modifying one or more properties of the container.
8. A system for editing objects displayed on a video display comprising:
a processor; and
10 a memory coupled with and readable by the processor and containing instructions that,
when executed by the processor, cause the processor to detect an edit operation for
an object displayed on the video display by the computer system, send an edit
operation request to an abstraction layer via an interface provided by the
abstraction layer to initiate editing of the object by the abstraction layer causing
15 the abstraction layer to receive the edit operation request, determine a container
type for a container in which the object is displayed, read a set of properties
related to the object to be edited, read a set of properties related to the container in
which the object is displayed to determine a type for the container, and edit the
object based on the container type and the received edit operation request.
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9. The system of claim 8, wherein sending the edit operation request to the abstraction layer
further comprises sending one or more parameters associated with the edit operation.
10. The system of claim 8, wherein the abstraction layer receives one or more parameters
25 associated with the edit operation.

11. The system of claim 10, wherein editing the object further comprises editing the object based on the one or more parameters associated with the edit operation.
12. The system of claim 8, wherein editing the object comprises modifying one or more properties of the object.
13. The system of claim 8, wherein editing the object comprises modifying one or more properties of the container.
14. A machine-readable medium encoding a computer program of instructions for editing objects displayed on a video display by a computer system, said computer process comprising:
 - detecting an edit operation for an object displayed on the video display by the computer system; and
 - sending an edit operation request to an abstraction layer via an interface provided by the abstraction layer to initiate editing of the object by the abstraction layer.
15. The machine-readable medium of claim 14, wherein sending the edit operation request to the abstraction layer further comprises sending one or more parameters associated with the edit operation.
16. The machine-readable medium of claim 14, wherein editing of the object by the abstraction layer comprises:
 - receiving the edit operation request;
 - determining a container type for a container in which the object is displayed;
 - reading a set of properties related to the object to be edited;

reading a set of properties related to the container in which the object is displayed to
determine a type for the container; and
editing the object based on the container type and the received edit operation request.

- 5 17. The machine-readable medium of claim 16, wherein receiving the edit operation request
further comprises receiving one or more parameters associated with the edit operation.
18. The machine-readable medium of claim 17, wherein editing the object further comprises
editing the object based on the one or more parameters associated with the edit operation.
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19. The machine-readable medium of claim 17, wherein editing the object comprises
modifying one or more properties of the object.
20. The machine-readable medium of claim 17, wherein editing the object comprises
15 modifying one or more properties of the container.